

Title (en)

TRIARYLMETHANE DYES, PHOTOGRAPHIC RECORDING MATERIALS, A PROCESS IN WHICH THEY ARE USED, AND METHODS FOR FORMING TRIARYLMETHANE DYES

Publication

EP 0032036 B1 19840321 (EN)

Application

EP 80304642 A 19801219

Priority

- US 10652079 A 19791226
- US 10689979 A 19791226
- US 10690079 A 19791226
- US 10690479 A 19791226
- US 15218180 A 19800522
- US 15218980 A 19800522

Abstract (en)

[origin: EP0032036A1] Novel compounds are disclosed which have the formula <CHEM> wherein A is a phenyl moiety or a naphthyl moiety; B is a 4 min -oxo-1 min -phenyl moiety or 4 min -oxo-1 min -naphthyl moiety and X is a non-nucleophilic group that cannot add to the central carbon atom but in alkaline solution undergoes an irreversible cleavage reaction with base to provide a nucleophilic moiety that adds to the central carbon atom to form a ring-closed compound which is colourless. The compounds may be included in photographic products comprising a support, at least one photosensitive silver halide emulsion layer and a layer containing the coloured compound and during development of such products with an aqueous alkaline processing composition the group X cleaves to form a ring closed colourless compound.

IPC 1-7

C09B 11/06; **C09B 11/10**; **G03C 1/84**; **G03C 5/54**

IPC 8 full level

C09B 11/06 (2006.01); **C09B 11/10** (2006.01); **G03C 1/83** (2006.01); **G03C 8/48** (2006.01)

CPC (source: EP)

C09B 11/06 (2013.01); **C09B 11/10** (2013.01); **G03C 1/83** (2013.01); **G03C 8/48** (2013.01)

Citation (examination)

- US 4139381 A 19790213 - BLOOM STANLEY M, et al
- US 4186001 A 19800129 - FOLEY JAMES W [US]

Cited by

EP0229720A3; EP0395093A1; US7425527B2; WO2005118526A1; US6638713B2; US8153828B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0032036 A1 19810715; **EP 0032036 B1 19840321**; CA 1174239 A 19840911; DE 3067222 D1 19840426

DOCDB simple family (application)

EP 80304642 A 19801219; CA 367492 A 19801223; DE 3067222 T 19801219